

**CONTRACT NO. 09-204-300555
PRECOMMERCIAL THINNING
PROJECT DESCRIPTION**

SUPERVISORY AREA: St. Joe Area

PROJECT NUMBER: FM #30-555-112-09

PROJECT NAME: 2009 Floodwood PCT

PROJECT LOCATION: The project area is located approximately 18 air miles southeast of Clarkia, Idaho. Project and vicinity maps are attached.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Pts. Lot 2, Pts. SWNE	4	41N	4E
Pts. Lot 3, Pts. SENW	4	41N	4E
Pts. E2SW, Pts. W2SE	4	41N	4E
Pts. S2SW	21	41N	4E
Pts. SESW, Pts. SE	27	41N	4E
Pts. W2NE, Pts. SENE, Pts. NW	28	41N	4E
Pts. NESW, Pts. N2SE	28	41N	4E
Pts. E2NE	29	41N	4E
Pts. W2NE, Pts. E2NW, Pts. NESW, Pts. NWSE	34	41N	4E
Pts. W2SW	4	41N	5E
Pts. SW, Pts. SE	5	41N	5E
Pts. N2NE, Pts. NENW	8	41N	5E
Pts. NWNW	9	41N	5E
Pts. SENE, Pts. N2SE	20	41N	5E
Pts. S2NE, Pts. NENW, Pts. S2NW, Pts. N2SW	21	41N	5E

CONTRACT PAYMENT/PROJECT ACREAGE:

All acres are measured on the net horizontal. The acreage by unit is described below.

Contract payment will be made on the basis of satisfactory completion of the contract requirements on all of the below listed payment units. However, no payment will be processed prior to July 1, 2009. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

PAYMENT UNIT NO.	PROJECT UNIT NO.	NET ACRES
1	1	135
	2	<u>220</u>
TOTAL PAYMENT ACRES:		355
2	3	192
	4	<u>100</u>
TOTAL PAYMENT ACRES:		292
3	5	<u>89</u>
	TOTAL PAYMENT ACRES:	89

ACCESS:

Primary access is provided by all-season rocked roads. Other limited access is available through gated logging roads. Some of these roads are cross-ditched to minimize erosion and may not be negotiable without removing the cross-ditches. Any road opened shall be approved by the State (Contract Supervisor) and will be required to again be "closed off" prior to cancellation of the contract.

TREATMENT TYPE:

The units will be mechanically thinned with chain saws by felling all surplus trees over three feet (3') in height. When choosing a leave tree using the spacing guidelines, cutting a blister rust free western white pine, and leaving a tree of another species as the crop tree, will be considered as not complying with the contract terms and can be grounds for terminating the contract and forfeiture of the Contractor's bond.

CONTRACT PERIOD:

Contract work may commence after the Contractor has received a signed copy of the contract and has had a prework conference with the State (Contract Supervisor). This contract shall terminate on October 31, 2010.

HAZARD PLAN:

All roads and skid trails on the perimeter and roads within the contract area will be kept free of thinning slash.

All felled material protruding over cut banks or onto road or skid trail right-of-ways will be removed as directed by the State (Contract Supervisor). Thinning debris may either be pulled back into the thinning area or piled along the road right-of-way. If piled, slash piles should be situated as far from live green trees as possible.

All cut stems within one (1) chain of roads designated for lopping will be bucked to not exceed four (4) feet in length. Approximately 61 acres will be treated. See attached project maps for treatment locations. Work will be kept current as thinning progresses.

All cut stems within one (1) chain of roads designated for hand piling and fuel breaks will be hand piled in selected locations as designated by the State (Contract Supervisor). Slash piles should be situated as far from live green trees as possible. Approximately 20 acres will be treated. See attached project maps for treatment locations. Work will be kept current as thinning progresses.

PROJECT BOUNDARY:

Project and unit boundaries (where applicable) have been marked on the attached project maps. They are further delineated on the ground by blue flagging and paint. Existing roads and skid trails may serve as boundaries.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor on a 12-foot by 12-foot spacing basis (average 303 trees/acre). Spacing may vary up to 35 percent (7.8 to 16.2 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 260 to 340 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Trees within 20 percent of the dominant tree heights are acceptable. Following are the acceptable crop trees in order of preference, with the first being the most preferred.

- a. western white pine (free from lethal blister rust cankers)
- b. western larch
- c. western redcedar
- d. Douglas-fir
- e. Engelmann spruce
- f. grand fir
- g. lodgepole pine
- h. western hemlock

3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees three (3) feet in height and taller. Living culls are further defined as:

- a. conks present
- b. lethal blister rust present
- c. western gall rust on the stem of the tree
- d. dead or "spike" top
- e. "suckers" or trees in which the top has died back and the terminal growth was assumed by another limb
- f. "dry" or dead sides
- g. trees of poor form and having less than a twenty-five percent (25%) live crown

4. Lethal white pine blister rust cankers are defined as bole cankers and/or branch cankers closer than six inches (6") to the main stem.

SPECIAL PROVISIONS:

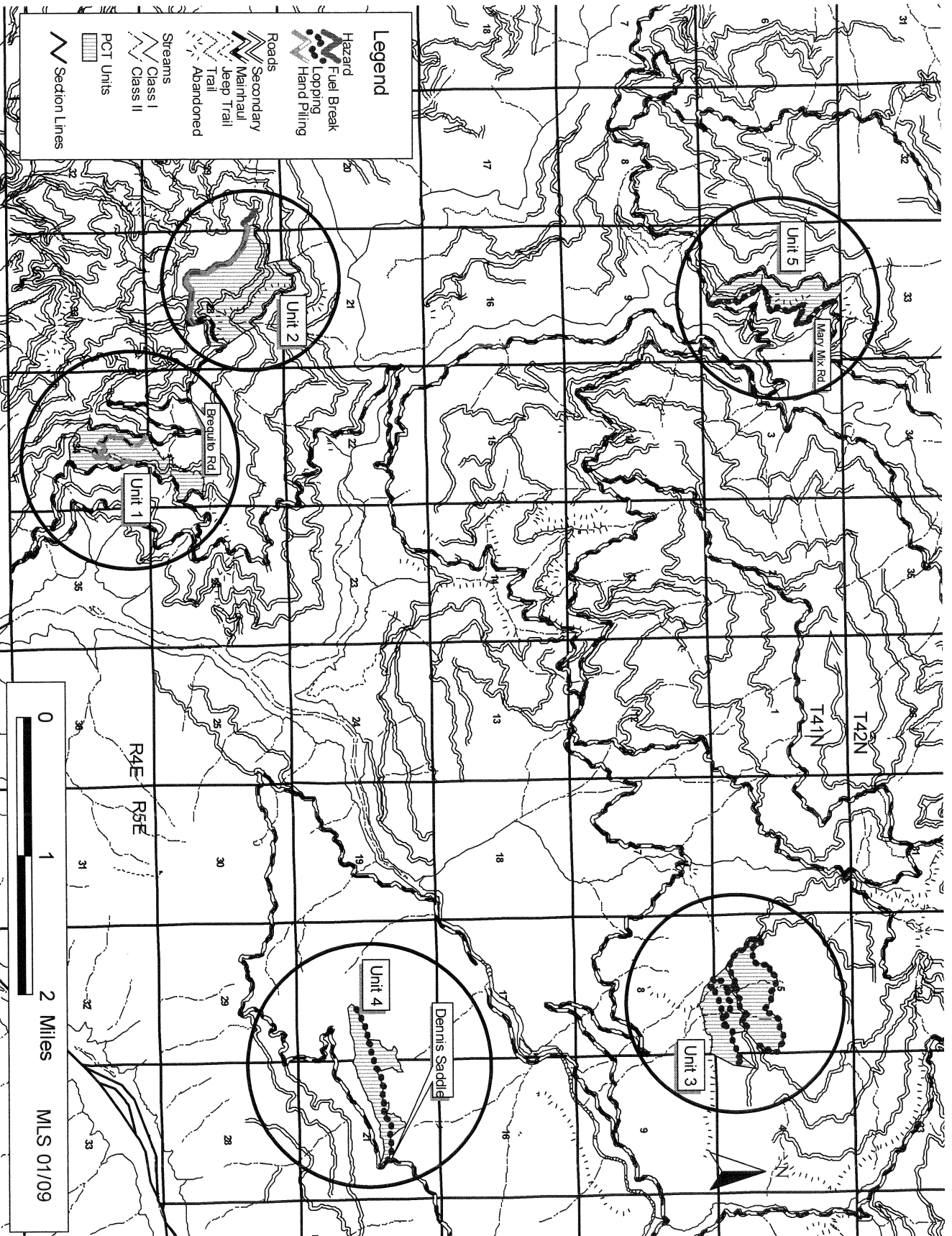
1. Trees over six inches (6") DBH and free of insects and disease will not be cut, unless otherwise directed by the State (Contract Supervisor).
2. All trees six inches (6") DBH and greater which are culls, as determined by the State (Contract Supervisor), will be girdled, not felled.

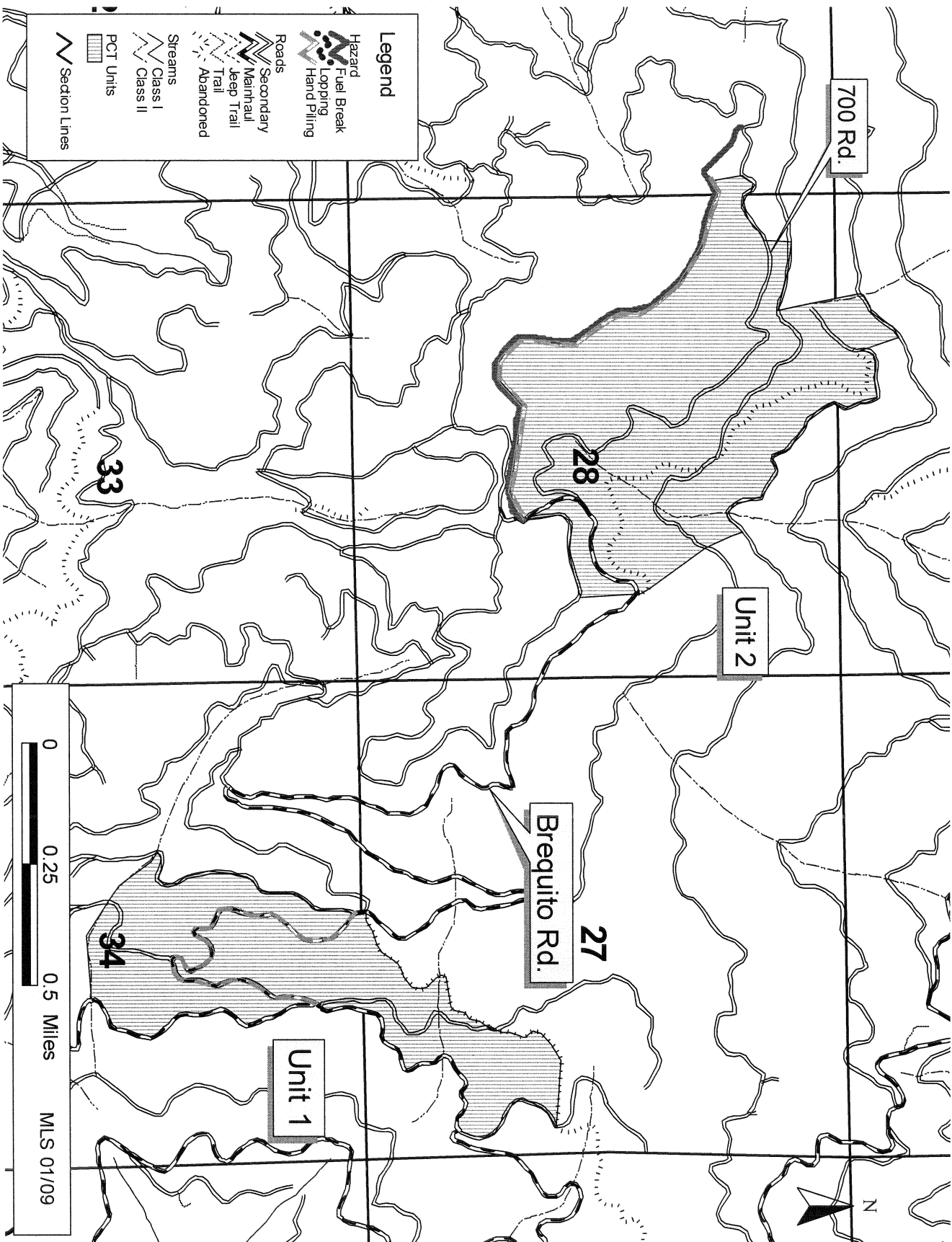
3. Stream channels shall be kept clear of slash, debris, or foreign material as per the Idaho Forest Practices Act.
4. The Contractor shall be responsible for maintaining any and all gate closures accessing the contract area during periods when public access is restricted. The Contractor will furnish a lock to provide access during these closure periods. The Contractor will be responsible for any and all damage caused by said gates being left open by the Contractor or the Contractor's employees, subcontractors, agents or guests.
5. The Contractor shall be responsible for repairing damage incurred to access roads as a result of the Contractor's activities, as directed by the Contract Supervisor.

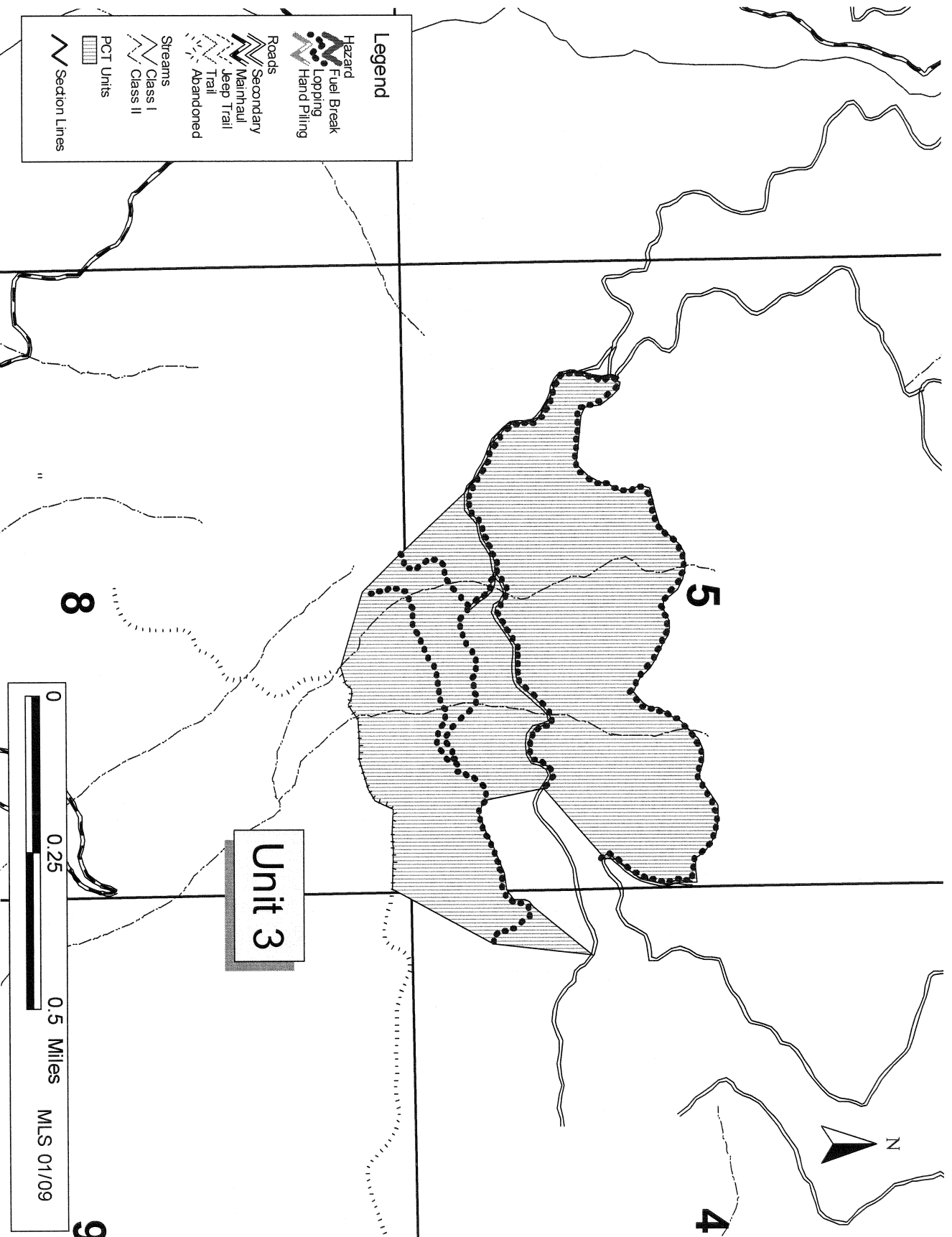
INFORMATION:

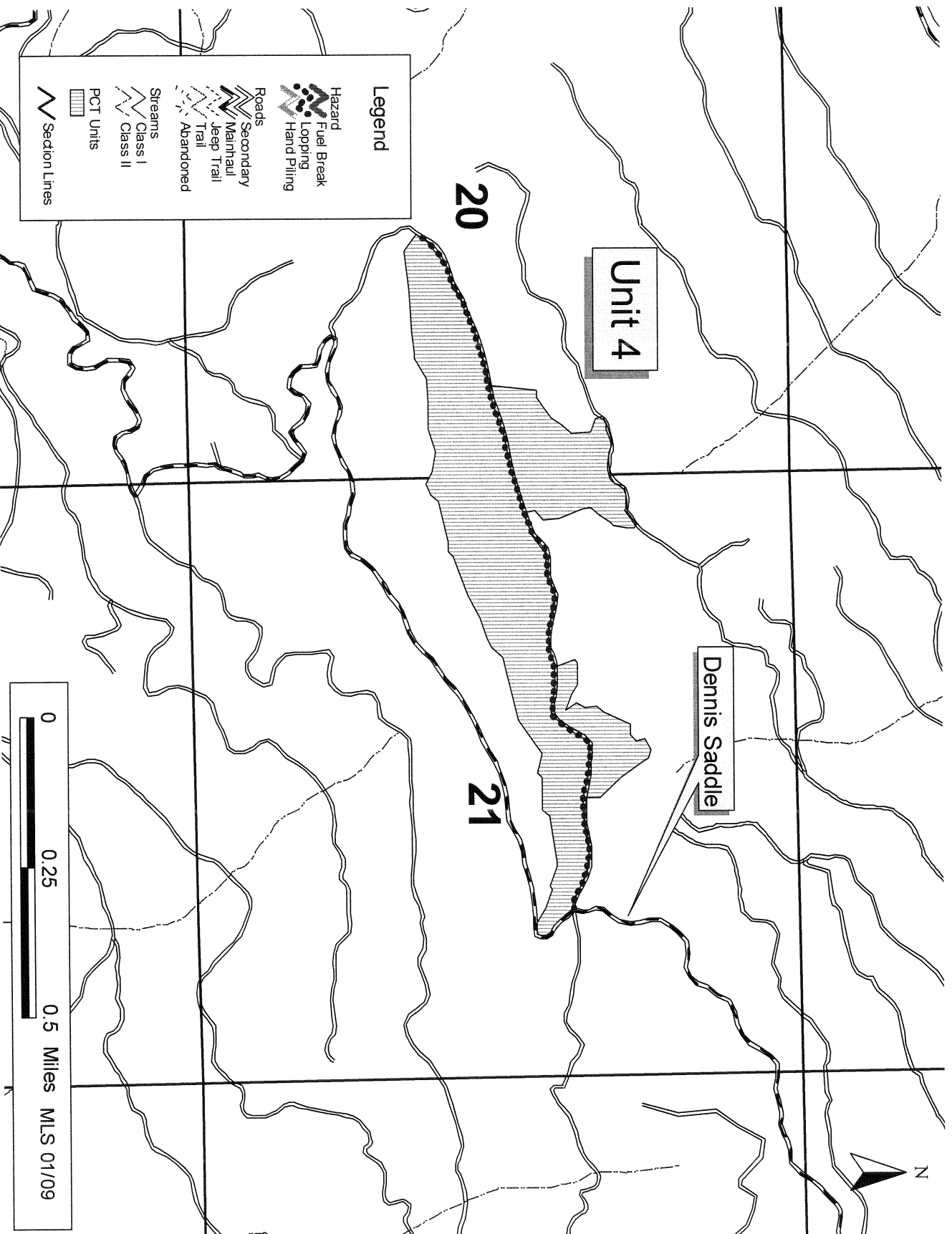
Further information is available by contacting the following:

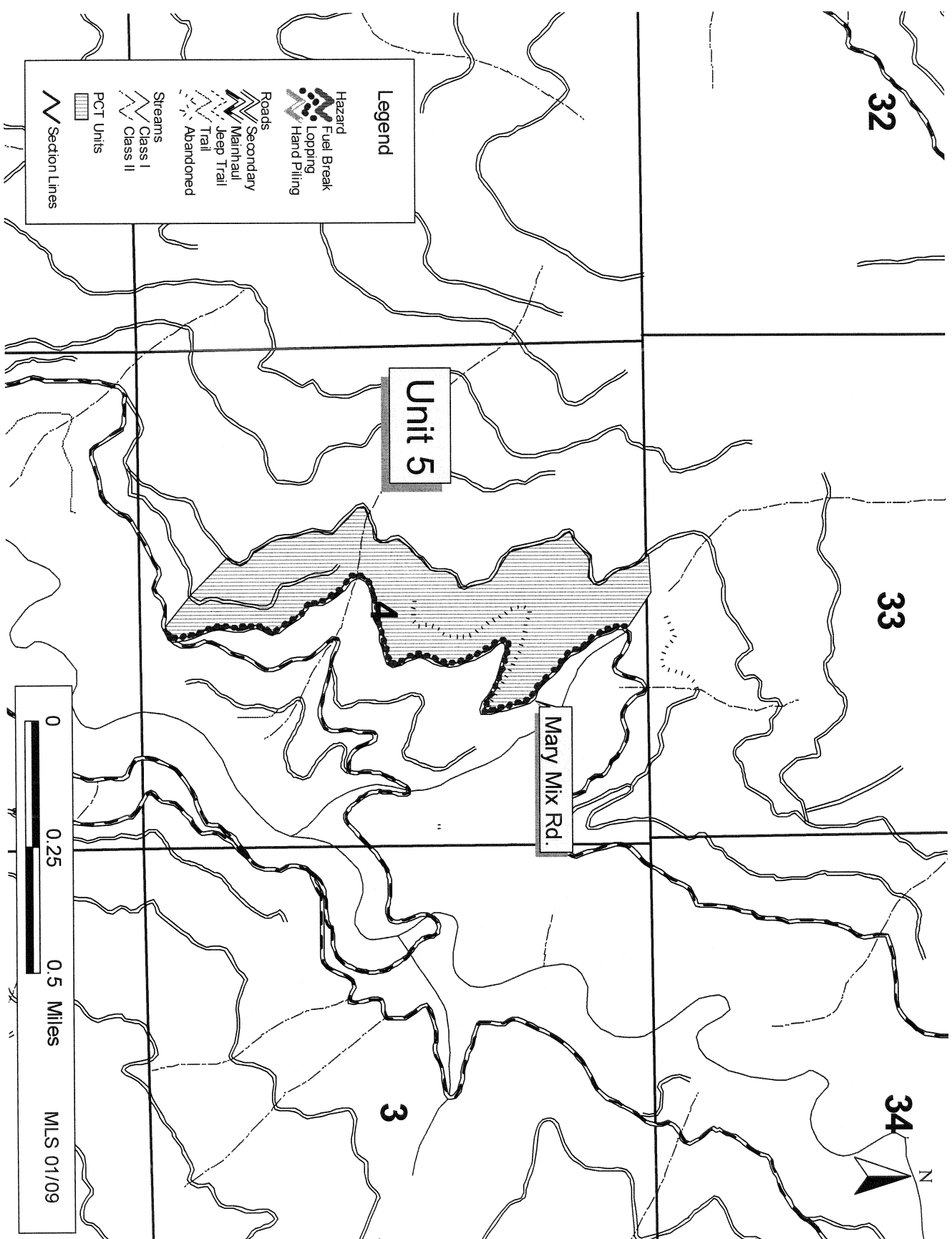
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